	<h2>Sjósýnataka</h2>		*****
			1
	Svifagna og TOC mæling í Frárennsli	Dags.	27/5/14
			1 AF 2

Í starfsleyfi gildir ákvæði um sýnatöku í frárennsli Stolt Sea Farm HF kt 610911-0480  
Vitabraut 7 233 Reykjanesbær

### “3.3 Sýnataka úr frárennsli og losun næringarefna

Rekstraraðili skal á þriggja ára fresti taka sýni úr frárennsli, í fyrsta skipti á öðru starfsári stöðvarinnar. Mæla skal svifagnir og TOC (eða COD). Fylgjast skal með losun næringarefna, þ.e. fosfórs og köfnunarefnis með því að reikna hana út frá innihaldi fódurs og upptöku næringarefna í eldinu. Umhverfisstofnun getur einnig farið fram á mælingar á heildarfosfór og heildarköfnunarefni.”

Sýnatökustaðir tveir:

- 1) Á sérútbúnum sýnatökustað í frárennislögn Stolt Sea Farm (20°C) Merkt STOLT
- 2) Við útrás bunustokk Hs-Orku.( 55°C) Merkt HS-Orka

ATH frárennislögn Stolt Sea Farm tengist í bunustokk HS-Orku

Sýnataka var tekin af Páli Þorbjörnssyni Fiskeldisstjóra Stolt Sea Farm Iceland HF  
Dags. 7. Maí 2014 KL 08:15

Aðferð, notast var við 1000ml brúsa og affallsjór látinn renna í flöskuna.

#### **Rennsli:**

Hs Orka 3400 l/s ( Upplýsingar frá Páli Kristinssyni Stöðvarstjóra HS-Orku Reykjanesvirkjun  
Stolt Sea Farm 133 l/s ( samkvæmt rennislismælum)

**Lífmassi: 21.000 kg**


**Fóðrun: 7/5/14 Samtals 265 Kg**

**Meðfylgjandi gögn eru:**

*Yfirlýsing frá Skretting fóður framleiðanda Stolt Sea Farm Iceland HF.*

*Niðurstaða efnamælinga frá MATÍS*

*Páll Þorbjörnsson*

<b>Stolt Sea Farm</b> 	<h2>Sjósýnataka</h2>		*****
			1
	Svifagna og TOC mæling í Frárennsli	Dags.	27/5/14
			2 AF 2

**LEN-STOLT 2-7**

Nitrogen discharge, kg per tonne fish produced	Tot N	57,4
Ammonia discharge, kg per tonne fish produced	Ammon	40,18
Phosphorus discharge, kg per tonne fish produced	Tot P	10,11
BOD-5 discharge, kg/10 per tonne fish produced	BOD5(/10)	18,85
Suspended solids discharge, kg per tonne fish produced	SUSP SOL	40,41
Total Organic Carbon, kg per tonne fish produced	TOC	109,89

Best regards

**Fernando Sanz**  
Director Comercial

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Issued 2014-05-16

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ICELAND

Project  
Reference

## Analysis of waste water

Your ID	R14-1028-1/No1/Stolt					
LabID	O10588925					
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
CODMn	<1.50		mg/l	1	1	STGR
suspended matter	17.6	1.9	mg/l	2	1	STGR

Your ID	R14-1028-2/No2/HS-orka					
LabID	O10588926					
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
CODMn	<1.50		mg/l	1	1	STGR
suspended matter	10.0	1.1	mg/l	2	1	STGR



\* indicates unaccredited analysis.

Method specification	
1	Determination of COD <sub>Mn</sub> according to method based on CSN EN ISO 8467. The method includes decantation of turbid samples.  Rev 2013-09-18
2	Determination of suspended solids according to method based on CSN 757350 and CSN EN 872. Filtration performed using sintered glass filter; pore size 1,5 µm.  Rev 2013-09-17

Approver	
STGR	Sture Grägg

Issuer <sup>1</sup>	
1	The analysis is provided by ALS Laboratory Group, Na Harfê 9/336, 190 00, Prag 9, Czech Republic, which is a testing laboratory, accredited by the Czech accreditation body CAI (Reg.No 1163). CAI is a signatory to a MLA within EA, the same LA to which the Swedish accreditation body SWEDAC is also a signatory. The laboratories are located in; Prague, Na Harfê 9/336, 190 00, Praha 9, Ceska Lipa, Bendlova 1687/7, 470 03 Ceska Lipa, Pardubice, V Raji 906, 530 02 Pardubice.  Contact the laboratory for further information.

The uncertainty is given as extended uncertainty (according to the definition in "Guide to the Expression of Uncertainty in Measurement", ISO, Geneva, Switzerland 1993) calculated with a coverage factor of 2, which gives a confidence level of approximately 95%.

The uncertainty from subcontractors is often given as extended uncertainty calculated with a coverage factor of 2. Contact the laboratory for further information.

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<sup>1</sup> The technical unit within ALS Scandinavia where the analysis was carried out, alternatively the subcontractor for the analysis.